

## Volume contents

### Volume 88 (1999)

Issue contents	1	Expression of the highly conserved RNA binding protein KOC in embryogenesis	95
Original articles			
<b>S. Hinson, J. Pettus, R.N. Nagoshi (USA)</b> Regulatory and functional interactions between <i>ovarian tumor</i> and <i>ovo</i> during <i>Drosophila</i> oogenesis	3	<b>Q. Zhang, K. Yaniv, F. Oberman, U. Wolke, A. Git, M. Fromer, W.L. Taylor, D. Meyer, N. Standart, E. Raz, J.K. Yisraeli (Israel, Germany, UK, USA)</b> Vg1 RBP intracellular distribution and evolutionarily conserved expression at multiple stages during development	101
<b>A.B. Afouda, S. Reynaud-Deonauth, T. Mohun, G. Spohr (Switzerland, UK)</b> Localized Xld3 mRNA activation in <i>Xenopus</i> embryos by cytoplasmic polyadenylation	15	<b>A. Goriely, B. Mollereau, C. Coffinier, C. Desplan (USA)</b> <i>Munster</i> , a novel Paired-class homeobox gene specifically expressed in the <i>Drosophila</i> larval eye	107
<b>P. Aanstad, M. Whitaker (UK)</b> Predictability of dorso-ventral asymmetry in the cleavage stage zebrafish embryo: an analysis using lithium sensitivity as a dorso-ventral marker	33	<b>K. Niederreither, E. Remboutsika, A. Gansmuller, R. Losson, P. Dollé (France)</b> Expression of the transcriptional intermediary factor TIF1 $\alpha$ during mouse development and in the reproductive organs	111
<b>F.J. Lovicu, W.W.-Y. Kao, P.A. Overbeek (USA)</b> Ectopic gland induction by lens-specific expression of keratinocyte growth factor (FGF-7) in transgenic mice	43	<b>S.V. Koushik, J. Bundy, S.J. Conway (USA)</b> Sodium-calcium exchanger is initially expressed in a heart-restricted pattern within the early mouse embryo	119
<b>B. Lutz, W. Schmid, C. Niehrs, G. Schütz (Germany)</b> Essential role of CREB family proteins during <i>Xenopus</i> embryogenesis	55	<b>F. Aniello, A. Locascio, M.G. Villani, A. Di Gregorio, L. Fucci, M. Branno (Italy)</b> Identification and developmental expression of <i>Ci-msxb</i> : a novel homologue of <i>Drosophila msh</i> gene in <i>Ciona intestinalis</i>	123
<b>R. Morgan, M.H.W. Hooiveld, A.J. Durston (The Netherlands)</b> A novel guanine exchange factor increases the competence of early ectoderm to respond to neural induction	67	Corrigendum	127
<b>F. Müller, P. Blader, S. Rastegar, N. Fischer, W. Knöchel, U. Strähle (France, Germany)</b> Characterization of zebrafish <i>smad1</i> , <i>smad2</i> and <i>smad5</i> : the amino-terminus of Smad1 and Smad5 is required for specific function in the embryo	73	Announcement	129
Gene expression patterns			
<b>M. Köster, K. Dillinger, W. Knöchel (Germany)</b> Genomic structure and embryonic expression of the <i>Xenopus</i> winged helix factors XFD-13/13'	89	Issue contents	131
<b>F. Mueller-Pillasch, B. Pohl, M. Wilda, U. Lacher, M. Beil, C. Wallrapp, H. Hameister, W. Knöchel, G. Adler, T.M. Gress (Germany)</b>		Original articles	
		<b>M.L. Mikkola, J. Pispa, M. Pekkanen, L. Paulin, P. Nieminen, J. Kere, I. Thesleff (Finland)</b> Ectodysplasin, a protein required for epithelial morphogenesis, is a novel TNF homologue and promotes cell-matrix adhesion	133

<b>S.M. Bell, C.M. Schreiner, W.J. Scott Jr. (USA)</b> Disrupting the establishment of polarizing activity by teratogen exposure	147	GFP-tagged balancer chromosomes for <i>Drosophila</i> <i>melanogaster</i>	229
<b>S.-H. Chao, R.N. Nagoshi (USA)</b> Induction of apoptosis in the germline and follicle layer of <i>Drosophila</i> egg chambers	159	<b>S.R. Münchberg, E.A. Ober, H. Steinbeisser (Germany)</b> Expression of the Ets transcription factors <i>erm</i> and <i>pea3</i> in early zebrafish development	233
<b>J. Heymer, U. Rütter (Germany)</b> Syndactyly of <i>Ft/+</i> mice correlates with an imbalance in <i>Bmp4</i> and <i>Fgf8</i> expression	173	<b>E.W. Brunskill, D.P. Witte, A.B. Shreiner, S.S. Potter</b> (USA) Characterization of <i>Npas3</i> , a novel basic helix-loop- helix PAS gene expressed in the developing mouse nervous system	237
<b>J. Jonkers, R. van Amerongen, M. van der Valk,</b> <b>E. Robanus-Maandag, M. Molenaar, O. Destrée,</b> <b>A. Berns (The Netherlands)</b> In vivo analysis of <i>Frat1</i> deficiency suggests compensa- tory activity of <i>Frat3</i>	183	<b>S. Yuan, G.C. Schoenwolf (USA)</b> The spatial and temporal pattern of <i>C-Lmx1</i> expression in the neuroectoderm during chick neurulation	243
<b>B. Lilly, D.D. O'Keefe, J.B. Thomas, J. Botas (USA)</b> The LIM homeodomain protein dLim1 defines a subclass of neurons within the embryonic ventral nerve cord of <i>Drosophila</i>	195	<b>T. Hollemann, T. Pieler (Germany)</b> <i>Xpitx-1</i> : a homeobox gene expressed during pituitary and cement gland formation of <i>Xenopus</i> embryos	249
<b>B.C. Lear, J.B. Skeath, N.H. Patel (USA)</b> Neural cell fate in <i>rca1</i> and <i>cycA</i> mutants: the roles of intrinsic and extrinsic factors in asymmetric division in the <i>Drosophila</i> central nervous system	207	<b>J.T. Bonner, P. Fey, E.C. Cox (USA)</b> Expression of prestalk and prespore proteins in minute, two-dimensional <i>Dictyostelium</i> slugs	253
<b>C.W. Beck, J.M.W. Slack (UK)</b> Gut specific expression using mammalian promoters in transgenic <i>Xenopus laevis</i>	221	Announcement	255
Gene expression patterns		Author Index	257
<b>D. Casso, F.-A. Ramírez-Weber, T.B. Kornberg (USA)</b>		Subject Index	259
		Volume Contents	265